مراجعة CH 2 من مادة

الكيمياء العامة

لطلاب السنة التحضيرية بجامعة الملك خالد

بأبها – المحالة

2015

عمل تطوعي طلابي

لا تنسى زيارة المدونة http://kku-a.blogspot.com

و نشر المدونة بين الطلاب لتعم الفائدة

1)The resistance of liquids to flow and it depends on attractive forces between molecules is :

a)Enthalpy b)Vapor pressure c)Surface tension d)Viscosity

2)Surface tension of liquids generally ..... with increasing temperature

a)increases b)decreases c)not changed d)none of these

3).....is The highest temperature at which a substance can exist as liquid

a)Critical point b)Boiling point c)Triple point d)milting point

4)The point at which we have equilibrium between solid ,liquid and gas is :

a)Triple point b)Freezing point c)Critical point d)Boiling point

5)which one of the following is an endothermic process

a)Freezing b) Deposition c)Vaporization d)Condensation

6)The vapor pressure of any substance at its normal boiling point is

a)1atm b)1Kpa c)equal to atmospheric pressure d)1pa

7)The energy required to increase the surface area of liquid by a unit amount of area is :

a)volatility b)viscosity c)surface tension d)boiling point

8)The direct conversion of a gas to solid is called :

a)melting b)vaporization c)sublimation d)deposition

9)The transition of solid to liquid state is called :

a)Condensation b)Melting c)sublimation d)Freezing

10)The temperature at which the vapor pressure equals the external pressure acting on the liquid surface is

a)Freezing point b)Melting point c) Boiling point d)none of these

Mr Salah

11)which one of the following is an exothermic process :

a)Condensation b)Deposition c)Melting d)both a and b

12)Viscosity ..... With increasing temperature

a)decrease b)increase c)not changed d) none of these

13)Critical temperature and pressure increased as the external pressure acting on the liquids surface .....

a)increased b)decreased c)not changed d)none of these

14)The pressure that must be applied to cause condensation at critical temperature is :

a)vapor pressure b)critical volume c)critical pressure d)none of these

15)On the phase diagram shown the coordinates of point correspond to the Triple point

a)A b)B c)C d)D

16)On the phase diagram shown the coordinates of point correspond to the Critical point

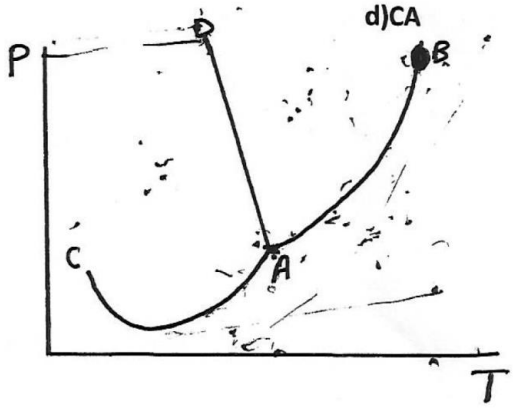
a)A b)B c) C d)D

17)On the phase diagram shown segment ..... Corresponds to the condition of temperature and pressure under which the liquid and the solid of the substance are in equilibrium .

a)AB b)AC c)AC d)AD

18)On the phase diagram shown segment ..... corresponds the condition of temperature and pressure under which the gas and the liquid of the substance are in equilibrium .

a)AD b)AC c)AB d)CA



19) which of the following compound would show hydrogen bond ?

a)CH_3F b)CH_3-O-CH_3 c)NH_3 d)HCl

20)The best arrangement of the following halogens in order of increasing boiling point

a)$Cl_2 > Br_2 > I_2 > F_2$ b)$F_2 > Cl_2 > Br_2 > I_2$ c) $Br_2 < I_2 < F_2 < Cl_2$ d)$I_2 > Br_2 > Cl_2 > F_2$

21)The strongest attractive forces that must be overcome to melt ice is :

a)Hydrogen bonding b)London force c)Ionic bonding d)none of these

22)the strongest attractive forces that must be overcome to boil carbon tetrachloride is :

a) – Dipole – dipole force b)Hydrogen bonding c)London force d)none of these

23)the strongest attractive forces that must be overcome to melt benzene is :

a)Covalent bonding b)London force c)Dipole- dipole force d)Hydrogen bonding

24)The strongest attractive forces that must be overcome to boiling HCl is :

a)Hydrogen bonding b)Dipole – dipole force c)Ionic bonding d)London force

25)Each water molecule is surrounded by ..... Other water molecules this cause the ice has less density than liquid water

a)2 b) 3 c) 4 d) 5

==========

Good Luck

=========

Mr S A

==========

لاتنسونا من الدعاء

1	d	14	c
2	b	15	a
3	a	16	b
4	a	17	d
5	c	18	c
6	¢ ٩	19	c
7	€ c	20	d
8	d d	21	a
9	9 b	22	c
10	c	23	b
11	d	24	b
12	a	25	c
13	a		